

INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C07F 9/6561, C07F 9/6509, A61K 31/675

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C07F, A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Chemical Abstracts on STN

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 057288 A (LG CHEM. INVEST. LTD.) 25 July 2002 (25-07-2002) * page 18, Table 3a; page 85, Table 8; claims *	1- 11
A	EP 0 832 896 A (MITSUBISHI CHEM. CORP.) 01 April 1998 (01-04-1998) * see the whole document *	1-11
A	EP 0 632 048 A (MITSUBISHI CHEM. IND.) 04 January 1995 (04-01-1995) * see the whole document *	1-11
A	US 05977061 A (Institute of Organic Chemistry and Biochemistry of the Academy of Sciences of the Czech Republic) 02 November 1999 (02-11-1999) * see the whole document *	1-11
A	US 05792756 A (Institute of Organic Chemistry and Biochemistry of the Academy of Sciences of the Czech Republic) 07 June 1995 (07-06-1995) * see the whole document *	1-11
A	US 06037335 A (Mitsubishi Chemical Corporation) 14 March 2000 (14-03-2000) * see the whole document *	1-11

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

03 DECEMBER 2003 (03.12.2003)

Date of mailing of the international search report

04 DECEMBER 2003 (04.12.2003)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT
Information about patent family members

International application No.
PCT/KR03/01932

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
W002057288A	25.07.2002	None	
EP0832896A	01.04.1998	CA2224710A CN1192744A US6197775B W09700262A	03.01.1997 09.09.1998 06.03.2001 03.01.1997
EP0632048A	04.01.1995	AT199906T CA2126601A CN1106017A DE69426904D	15.04.2001 30.12.1994 02.08.1995 26.04.2001
US05977061A	02.11.1999	None	
US05792756A	07.06.1995	None	
US06037335A	14.03.2000	EP632048B JP07-070159A DE69426904T	21.03.2001 14.03.1995 11.10.2001